

AMENDMENTS TO THE CLAIMS

Please amend the claims of the present application as set forth in the following detailed listing of claims. This listing of claims will replace all prior versions and listings of claims in the application. Changes to the claims are shown by strikethrough or double brackets (for deleted matter) and underlining (for added matter).

By way of overview, claims 1-6, 8-10, 12-19, 38-46, 49, and 50 are currently pending. More specifically, the status of the claims is indicated below:

- a) Claims 1, 42, and 45 are currently amended;
- b) Claims 2-6, 8, 9, 15-17, 38-41, 43, 44, and 46 were previously presented;
- c) Claims 10, 12-14, 18, and 19 are original;
- d) Claims 49 and 50 are new; and
- e) Claims 7, 11, 20-37, 47, and 48 are canceled without prejudice or disclaimer.

Listing of Claims

1. (Currently amended) A system having one or more computing devices, comprising:

an information tracking component configured to store, for each of a plurality of items, information describing the item;

a supply component configured to receive data describing [[one or more items]] the plurality of items and store the [[converted]] data as the information in the information tracking component;

a publishing component configured to select, based on pre-established selection criteria, for each of a plurality of subscribers, a set of information from the information tracking component, and to communicate the selected set of information to local storage maintained by the subscriber, wherein the publishing component is configured to perform

1 the communication by transferring the information to subscribers in advance of receiving
2 requests from the subscribers to modify the information; and

3 a subscriber request component configured to receive requests from the plurality
4 of subscribers and modify the information stored in the information tracking component
5 in accordance with the requests,

6 wherein the publishing component is further configured to identify one or more of
7 the plurality of subscribers affected by the modification to the information stored in the
8 information tracking component, and to communicate, to the one or more of the plurality
9 of subscribers affected by the modification, the information as modified.

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11 2. (Previously presented) A system as recited in claim 1, wherein the information
12 tracking component is configured to store information regarding a plurality of assets.

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14 3. (Previously presented) A system as recited in claim 1, wherein the information
15 tracking component is configured to store information regarding a plurality of services.

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17 4. (Previously presented) A system as recited in claim 1, wherein the information
18 tracking component includes an information tracking database and a publishing database,
19 wherein the information tracking database is configured to store data describing the
20 plurality of items, and wherein the publishing database stores data identifying which of
21 the plurality of subscribers each of the plurality of items has been published to.

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23 5. (Previously presented) A system as recited in claim 1, wherein the publishing
24 component is further configured to perform the selection for each subscriber based at
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1 least in part on criteria supplied by the subscriber, which defines the pre-established
2 selection criteria.

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4 6. (Previously presented) A system as recited in claim 1, wherein the publishing
5 component is further configured to perform the selection for each subscriber based at
6 least in part on the information in the information tracking component describing each of
7 the plurality of items.

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9 7. (Canceled).

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11 8. (Previously presented) A system as recited in claim 1, wherein the one or more
12 of the plurality of subscribers affected by the modification to the information stored in the
13 information tracking component comprise the ones of the plurality of subscribers to
14 which the information was previously communicated.

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16 9. (Previously presented) A system as recited in claim 1, wherein each item is an
17 asset available for purchase, wherein the subscriber request component is configured to
18 receive a request to reserve a particular asset, and wherein the publishing component is
19 further configured to communicate to selected ones of the plurality of subscribers a
20 notification that the asset is reserved and not available for sale.

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22 10. (Original) A system as recited in claim 9, wherein the selected ones of the
23 plurality of subscribers comprise only subscribers that received, as part of the set of
24 information, information describing the particular asset.

1 11. (Cancelled).

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3 12. (Original) A system as recited in claim 1, wherein the publishing component
4 is further configured to communicate to one of the subscribers to delete information
5 previously communicated to the one subscriber.
6

7 13. (Original) A system as recited in claim 1, wherein the publishing component
8 is further configured to automatically communicate, to one of the subscribers,
9 information in addition to the set of information previously communicated to the one
10 subscriber.
11

12 14. (Original) A system as recited in claim 1, wherein the publishing component
13 is further configured to communicate, to the plurality of subscribers, modifications to the
14 set of information communicated to each subscriber.
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16 15. (Previously presented) A system as recited in claim 14, wherein the
17 modifications include additional information describing additional items.
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19 16. (Previously presented) A system as recited in claim 14, wherein the
20 modifications include deletions of information from the set of information.
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22 17. (Previously presented) A system as recited in claim 14, wherein the
23 modifications include updates to the information in the set of information.
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1 18. (Original) A system as recited in claim 1, wherein each item has an associated
2 time indicating when it is available, and wherein the publishing component is further
3 configured to communicate, as part of the set of information, only information
4 corresponding to items for which the associated times indicate are currently available.

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6 19. (Original) A system as recited in claim 1, wherein the subscriber request
7 component is further configured to modify the information stored in the information
8 tracking component in response to a request from a particular subscriber only if an
9 appropriate fee is paid by the particular subscriber.

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11 20-37. (Canceled).

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13 38. (Previously presented) A system as recited in claim 1, wherein the supply
14 component is configured to receive the data describing the one or more items in a
15 plurality of different formats, and to convert the data into the format used by the
16 information tracking component.

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18 39. (Previously presented) A system as recited in claim 1, wherein the subscriber
19 request component is configured to receive requests from the plurality of subscribers in a
20 plurality of different formats, and to convert the requests into a defined format.

21
22 40. (Previously presented) A system as recited in claim 1, wherein the supply
23 component is configured to receive information having a data portion and an operation
24 portion, wherein the data portion includes data received from a source, and the operation
25 portion identifies an operation to be performed by the supply component.

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2 41. (Previously presented) A system as recited in claim 40, wherein the operation
3 includes at least one of: an insert operation which provides an instruction to add an item
4 to the information tracking component; an update operation which provides an instruction
5 to update an item in the information tracking component; or a delete operation which
6 provides an instruction to delete an item in the information tracking component.

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8 42. (Currently amended) A system as recited in claim 4, wherein the publishing
9 database is configured to ~~store data identifying which of the plurality of subscribers each~~
10 ~~of the plurality of items has been published to, including subscribers that have not~~
11 ~~submitted requests pertaining to the items~~ identify the plurality of subscribers that each of
12 the plurality of items has been published to based on the data in the publishing database.

13
14 43. (Previously presented) A system as recited in claim 4, wherein the publishing
15 database includes a status field used to identify the current respective status of the
16 plurality of items.

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18 44. (Previously presented) A system as recited in claim 43, wherein the status
19 field identifies the status of the plurality of items with respect to each of the subscribers
20 that subscribe to the items.

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22 45. (Currently amended) A system as recited in claim 43, wherein the status [[can
23 assume]] has at least one of the states of:

24 an active status indicating that an item is available for purchase;

25 an inactive status indicating that the item is no longer available for purchase;

1 a deferred status indicating that the item will become available in the future;
2 a sale pending status indicating that there is a sale pending for the item;
3 a sold status indicating that the item has been sold; or
4 a reserved status indicating that the item has been reserved for potential sale.
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6 46. (Previously presented) A system as recited in claim 5, wherein the information
7 tracking component is configured to identify each item using a plurality of fields, and
8 wherein the criteria supplied by the subscriber is defined with reference to the fields.
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10 47-48. (Canceled).
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12 49. (New) A system including a processing unit and memory for implementing
13 logic, comprising:
14 information tracking logic for storing, for each of a plurality of items, information
15 describing the item;
16 supply logic for receiving data describing the plurality of items and storing the
17 data as the information in the information tracking logic;
18 publishing logic for selecting, based on pre-established selection criteria, for each
19 of a plurality of subscribers, a set of information from the information tracking logic, and
20 for communicating the selected set of information to local storage maintained by the
21 subscriber, wherein the publishing logic performs the communication by transferring the
22 information to subscribers in advance of receiving requests from the subscribers to
23 modify the information; and
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1 subscriber request logic for receiving requests from the plurality of subscribers
2 and for modifying the information stored in the information tracking logic in accordance
3 with the requests,

4 wherein the publishing logic further identifies one or more of the plurality of
5 subscribers affected by the modification to the information stored in the information
6 tracking logic, and communicates, to the one or more of the plurality of subscribers
7 affected by the modification, the information as modified.

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9 49. (New) An electrical system for processing data, comprising:
10 information tracking means for storing, for each of a plurality of items,
11 information describing the item;

12 supply means for receiving data describing the plurality of items and storing the
13 data as the information in the information tracking means;

14 publishing means for selecting, based on pre-established selection criteria, for
15 each of a plurality of subscribers, a set of information from the information tracking
16 means, and for communicating the selected set of information to local storage maintained
17 by the subscriber, wherein the publishing logic performs the communication by
18 transferring the information to subscribers in advance of receiving requests from the
19 subscribers to modify the information; and

20 subscriber request means for receiving requests from the plurality of subscribers
21 and for modifying the information stored in the information tracking means in accordance
22 with the requests,

23 wherein the publishing means further identifies one or more of the plurality of
24 subscribers affected by the modification to the information stored in the information
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1 tracking means, and communicates, to the one or more of the plurality of subscribers
2 affected by the modification, the information as modified.
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